work order NO :- EE/BTP/BBMP/E-TND/06/12-13 Dt 5.06.12

work code :- 008-11-000087

BRNO 261/31-1-13

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194629

Serial No. First & part bill

Name of work..... Improvements to drains and Footpath around devinagar near R.M.N. apartments From kodigehalli i.n.ward No.8 kodigehalli sabdi.

Name of Contractor of nature of Agency... Sri. Narasimaiah, contractor Bangalore

Date of commencement of work..... 25/12/12

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1)	Earthwork in surface Excavation in ordinary soil for levelling and lowering the ground manually & removing the excavated stuff to a distance not exceeding 50m & lift upto 1.5m excavated surface levelled & neatly dressed disposed earth to be levelled et complete as per specification.						
	Qty B/F from P.NO 194679/2 of this MB is --					28.03 cum	
	Qty limited to					27.00 cum	
	@ Rs 113.00/cum						3051=40

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m excavated surface levelled and sides neatly after breaking of clods complete as per specification cct complete.						
	Qty B/F from P.NO		194 680				
						is ---	82.61 cum
			@ Rs	59.00/cum			4874=00
	3) providing and constructing granite/trap/babalt ssm in foundation with cm 1:6 stone ma- sonered dressed in courses not less than 20cms high bond stones at two m apart course including cost of materials						

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 194630

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1.	2	3	4	5	6	7	8
	Labour set complete as per specification.						
	Qty B/F from P.NO 194680/2 of thirmbis					... 17.04Ceem	
	@ Rs 2726.00/ceem						46451=00
4)	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 kg/sem with cm 1:8 with blocks of size 40X10X20cms conforming materials, labour charg						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	eet complete as per Specification.						
	Qty B/F from P.NO 194681/2 of this MB					is --- 5200 SqM	
			@M	481.00	/SqM		25,012=00
5)	providing flush pointing to coursed stone masonry with cement mortar 1:3 20mm deep after raking joints to depth of 20mm, neatly lining including cost of materials labour eet complete as per specification.						
	Qty B/F From P.NO 194682 of this MB is					--- 100.16 SqM	
			@M	7.00	/SqM		7111=00

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 194[illegible]

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1.	2	3	4	5	6	7	8
6)	providing & laying in position PCC of nominal mix 1:2:4 using 20mm & down size graded granite metal making mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plint & cills including cost of all materials at complete as per specific						
	Qty B/F from P-NO 19468 2/2 of this MB					i/c - 19.50 cum.	
	@ Rs	4897.00/cum				19.29	95,492=00

94463=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) providing & constructing precast concrete solid blocks with compressive strength not less than 35 kg/sqcm with CM 1:4 masonry with solid concrete blocks of size 40 X 20 X 20 CMS conforming to IS 2185/1965 in superstructure including cost of materials ect complete						
	Qty B/F from P.NO 194683 of this MB						
	Qty limited to					14.40 SQM	
	@ Rs 671/SQM						9662=00
	8) providing & laying in position PCC of nominal mix 1:2:4 using 20mm & down size graded granite metal / machine mixed, concrete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	f) providing & constructing precast concrete solid blocks with compressive strength not less than 35 kg/sqcm with CM 1:4 masonry with solid concrete blocks of size 40 X 20 X 20 CMS conforming to IS 2185/1965 in superstructure including cost of material & compl						
	Qty B/F from P.NO 194683 of this MB					in- 15.76 sqm	
	Qty limited to					14.40 sqm	9662=0
	@ Rs 671/sqm						
	e) providing & laying in position PCC of nominal mix 1:2:4 using 20mm & down size graded granite metal / crushed, mixed, concrete						

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194632

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1.	2	3	4	5	6	7	8
	laid in layers not exceeding 15 cms this well compacted in foundation plinth & cills including cost of all materials ect complete as per specifica						
	Qty B/F from P.NO 194683/2 of this MB					is --- 1.15 cum	
		@ Rs	4897.00/cum				5632=00
9)	providing & fixing MS square Jally 9"x9" (grating) for shoulder drains fixing with c m including cost of all materials						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	labours cet	complete of per specification					
		10no/.	-	-	-	10 no/.	
			@ Rs	129.00	/no		1290=00
10)	Earth work excavation & filling sides of foundation upto plinth in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with wet						
	wood & lift cet complete						
	Qty B/F from	P.NO 194824 of this MBk.				120.00cum	
			@ Rs 184.00/cum				22,080=00

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194633

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1.	2	3	4	5	6	7	8
11)	providing granite slabs of selected quality roughly dressed & fixed in cement mortar (1:6) including fixing earring etc complete as per specification. 10 cm thick						
	Missing slabs for drains	1	(15X2+14) 44.00	—	0.45	19.80 m2	
	for Foot path	1	15X2+12.5 =42.50	1.50	—	63.75	
		1	15X2+2.5 =32.50	2.40	—	78.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15X12+2.5 = 182.50	3.1+3.2 / 2	—	574.87	
					total	736.42 X 2	
	deduct						
		1	5.7	2.3	—	-13.11	
	gate opening	1	8.7	1.50	—	-13.05	
		1	7.1	1.50	—	-10.65	
		1	8.60	2.00	—	-17.20	
	Tree guard	6	1.2	1.2	—	-8.64	
		6	1.5	1.5	—	-13.50	
						-76.15 X 2	
	∴ net qty =		736.42 − 76.15			660.27	3,14,288=00
			=				

@ Rs 476.00/sqm

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194634

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12)	providing two line dressing to granite stone masonry as per specification.					Stone slab/granite	
	For Foot path	1	15x2+12.5 =42.50	1.50	—	63.75	
		1	15x2+2.5 = 32.50	2.40	—	78.00	
		1	15x12+2.5 =182.50	3.1+3.2 / 2	—	574.81	
					total	~~736.42~~ m	
					##	716.62 m2	
	Deduct opening	1	5.7	2.3	—	-13.11	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	8.7	1.50	–	-13.05	
		1	7.1	1.50	–	-10.65	
		1	8.60	2.00	–	-17.20	
	Tree guard	6	1.2	1.2	–	-8.64	
		6	1.5	1.5	–	-13.50	
					total	640.47 m²	
	@ Rs 658.00/m²						42,0330
13)	providing machine cutting granite stone slab edges as per direction of Engineer incharge	1	42.50/0.6	4.2	–	297.50 m²	

4)

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194635

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	32.50 / 0.6	6.00	—	315 = 00	
		1	182.50 / 6	7.40	—	2251 = 00	
						2873 = 00 m2	
				(-) deduct		-50 = 00 m2	
				net qty		2823 = 00 m2	
			@ Rs	58.00	/ m2		1,63,734=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14)	providing & fixing pre cast solid cement concrete kerb stone made out of CC 1:2:4 with top & bottom width 114 & 116 mm respectively, 400 mm high & 450 mm in length finished with CM 1:3 Plaster & finish labour hire charges of machinery loading unloading lead & lift + transportation at complete as per specification						
		605 no/.	-	-	-	605 no/.	
					@ Rs 239.20/no		1,44,716=00
	CQ FC 28/11/2013						
15)	painting two coats after filling the surface with synthetic enamel paint in approved						

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194636

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Strokes on new plastered concrete surface with materials labour complete as per specification.						
		1	27225	0.45	—	122.5	
					Say	117=00 Sq m.	
		C M	47.00	SQM			5499.00
16)	Haulage of materials by tipper including cost of loading unloading and stacking						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete as per Specifiction.						
	Qty same vide (1) & (2)						
			i.e	27 cum + 82.61 cum			
					= 109.61 cum		
					say 109.00		
			CB	119.00	cum		12,971=00
							12,78,905=00
							12,82,261=00
	Dqty 200						
	28/1/13						

854841=00

752092=00

Reserved BM Amt. (2nd BM)

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 194637

30.6.14

Vr No 98 Date

Cheq No 882714 Date 30.6.15

Amount Rs 752092=00

Serial No. 102749=00

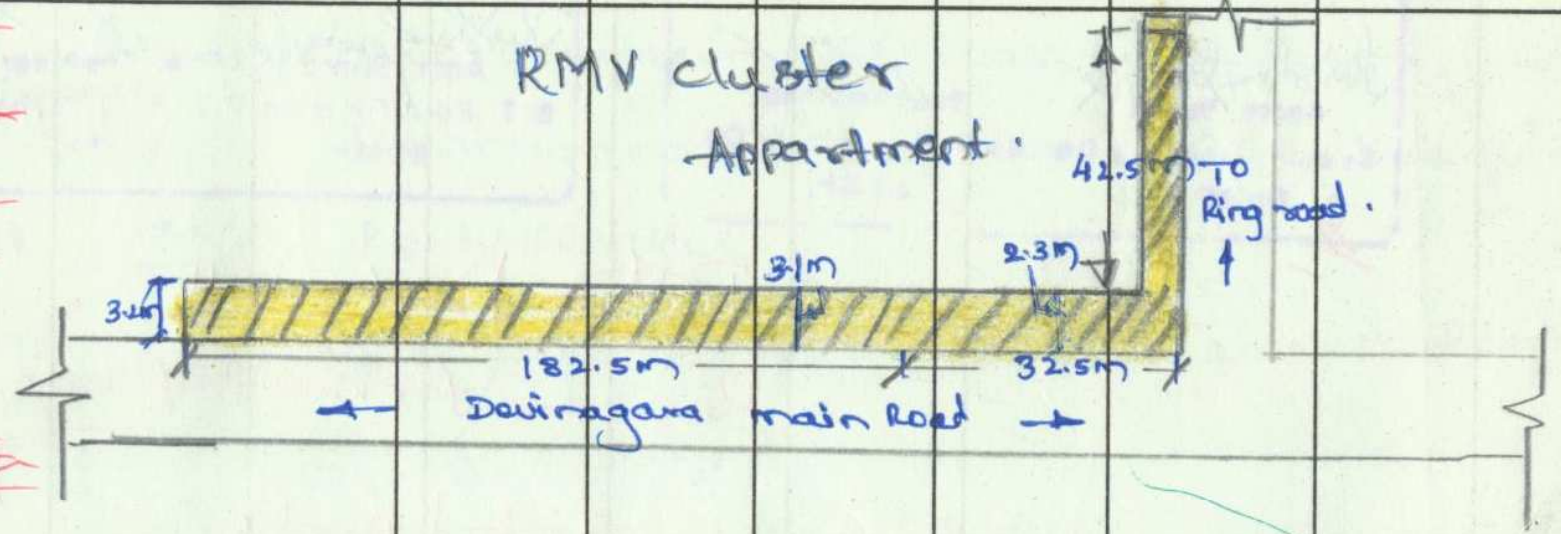
Name of work..... From..... To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	RMV cluster Apartment.						

CI — 8548 —
SI — 34194 —
SD — 47016 —
ST — 8548 —
BP — 855
Lay — 3588
1027.49 =



DOW 7.9 28/1/13

28/1

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1/3 rd of 1st & part Bill Bk No 261						
	Added & Admitted to Rs 427420=00						
	By Cheque: 377954=00						
	By Cheque						
	and Rs 49466=00 By Adjustment						
	Accts Supdt. Executive Engineer						
	By Cash Voucher No. Dt.						
	Bill No.						
	Vr No 07 Date 27-9-13						
	Chea No 663347 Date 27-9-13						
	Amount Rs 3,77,954=00						
	Accl Supdt Exe Engineer						
	B.T Pur Division B.T Pur Division						
	1st & Part Bill . 1282261-						
	Reserve for want of L.o.c. 854841-						
	427420-						
	Total deduct 49466-						
	Through Cheque → 377954-						